Project Planning Phase

Project Planning template (Product Backlog, Sprint Planning, Stories, Story points)

|  |  |
| --- | --- |
| Date | 31 October 2022 |
| Team ID | PNT2022TMID35612 |
| Project Name | Early Detection of Chronic Kidney Disease  using Machine Learning |
| Maximum Marks | 8 Marks |

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement**  **(Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Collection of Dataset | USN-1 | Collect dataset from Google and clean the dataset | 5 | High | Shivani KK, Shibani Senthil Kumar, Sneha Tiroumourougane, Treasa George. |
| Sprint-1 | Model | USN-2 | Create, test and save the model | 5 | High | Shivani KK, Shibani Senthil Kumar, Sneha Tiroumourougane, Treasa George. |
| Sprint-2 | Home page | USN-3 | The user can enter into the home page | 6 |  | Shivani KK, Shibani Senthil Kumar, Sneha Tiroumourougane, Treasa George. |
| Sprint-2 | Prediction button | USN-4 | User can use the prediction button to enter into the prediction page | 4 | High | Shivani KK, Shibani Senthil Kumar, Sneha Tiroumourougane, Treasa George. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-3 | Prediction page | USN-5 | The user will be presented with the prediction page where he can enter  the values of report | 3 | Low | Shivani KK, Shibani Senthil Kumar, Sneha Tiroumourougane, Treasa George. |
| Sprint-3 |  | USN-6 | User should enter the blood glucose parameters | 7 | Medium | Shivani KK, Shibani Senthil Kumar, Sneha Tiroumourougane, Treasa George. |
| Sprint-4 | Result | USN-7 | The user will get the output | 4 | High | Shivani KK, Shibani Senthil Kumar, Sneha Tiroumourougane, Treasa George. |
| Sprint-4 | Deployment | USN-8 | Deploy into IBM CLOUD | 6 | High | Shivani KK, Shibani Senthil Kumar, Sneha Tiroumourougane, Treasa George. |

Project Tracker, Velocity & Burndown Chart: (4 Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on Planned**  **End Date)** | **Sprint Release Date (Actual)** |
| Sprint-1 | 2 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 2 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 31 Oct 2022 |
| Sprint-3 | 4 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 07 Nov 2022 |
| Sprint-4 | 1 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 14 Nov 2022 |